SEQUENCE LISTING

<110> Zinselmeier, Chris
      Habben, Jeff
      Tomes, Dwight

<120> Regulated Expression of Genes in Plant
   Seeds

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<141> 2000-04-07

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<151> 1999-04-16

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His Ala Leu Ala Ala Gly Thr Leu Ala Leu Gly Glu Asp Arg Gly Arg
            20   25   30

ccc tgg cca gcc ttc ctc gcc gcg ctg gcc ttg gac ggc aag ctc cgg   144
Pro Trp Pro Ala Phe Leu Ala Ala Leu Ala Leu Asp Gly Lys Leu Arg

35   40   45

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ctg gtg gcg ctg ctg agc gcg gcc aac tcc acc ccg ggg tgg ccc tac    2
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Leu Val Ala Leu Leu Ser Ala Ala Asn Ser Thr Pro Gly Trp Pro Tyr
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acc atc gcg ttc cgc ggc cgc ggc cac tcc ctc atg ggc cag gcc ttc    3
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gcc ccc ggc ggg gtg gtc gtc aac atg gcg tcc ctg ggc gac gcc gcc    3
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Ala Pro Gly Gly Val Val Val Asn Met Ala Ser Leu Gly Asp Ala Ala
            115                 120                 125

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Ala Ala Ala Pro Pro Arg Val Asn Val Ser Ala Asp Gly Arg Tyr Val
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Val Gly Gly Thr Leu Ser Asn Ala Gly Ile Ser Gly Gln Ala Phe Arg
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His Gly Glu Met Val Thr Cys Ser Lys Gln Leu Asn Ala Asp Leu Phe
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Asp Ala Val Leu Gly Gly Leu Gly Gln Phe Gly Val Ile Thr Arg Ala
225             230             235             240


cgg atc gcg gtg gag ccg gcg ccg gcg cgg gcg cgg tgg gtg cgg ctc     7
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Arg Ile Ala Val Glu Pro Ala Pro Ala Arg Ala Arg Trp Val Arg Leu
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gtg tac acc gac ttc gcg gcg ttc agc gcc gac cag gag cgg ctg acc     8
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Val Tyr Thr Asp Phe Ala Ala Phe Ser Ala Asp Gln Glu Arg Leu Thr
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gcc ccg cgg ccc ggc ggc ggc ggc gcg tcg ttc ggc ccg atg agc tac     8
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Ala Pro Arg Pro Gly Gly Gly Gly Ala Ser Phe Gly Pro Met Ser Tyr
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Asn Thr Gly Phe Phe Thr Asp Ala Asp Val Ala Arg Ile Val Ala Leu
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gcc ggg gag cgg aac gcc acc acc gtg tac agc atc gag gcc acg ctc     10
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Ala Gly Glu Arg Asn Ala Thr Thr Val Tyr Ser Ile Glu Ala Thr Leu
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Asp Val Ser Tyr Thr Ala Phe Leu Asp Arg Val His Gly Glu Glu Val
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gcg ctc aac aag ctg ggg ctg tgg cgg gtg ccg cac ccg tgg ctc aac   12
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atg ttc gtg ccg cgc tcg cgc atc gcc gac ttc gac cgc ggc gtc ttc   12
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aag ggc atc ttg cag ggc acc gac atc gtc ggc ccg ctc atc gtc tac   12
96
Lys Gly Ile Leu Gln Gly Thr Asp Ile Val Gly Pro Leu Ile Val Tyr
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ccc ctc aac aaa tcc atg tgg gac gac ggc atg tcg gcg gcg acg ccg   13
44
Pro Leu Asn Lys Ser Met Trp Asp Asp Gly Met Ser Ala Ala Thr Pro
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tcg gag gac gtg ttc tac gcg gtg tcg ctg ctc ttc tcg tcg gtg gcg   13
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Pro Asn Asp Leu Ala Arg Leu Gln Glu Gln Asn Arg Arg Ile Leu Arg
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Phe Cys Asp Leu Ala Gly Ile Gln Tyr Lys Thr Tyr Leu Ala Arg His
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cgc ttc gtg gag atg aag aac aag tac gac ccc aag agg ctg ctc tcc    15
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Pro Trp Pro Ala Phe Leu Ala Ala Leu Ala Leu Asp Gly Lys Leu Arg
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Thr Ser Ala Leu Pro Ala Ala Val Leu Tyr Pro Ser Ser Thr Gly Asp
65              70                  75                      80
Leu Val Ala Leu Leu Ser Ala Ala Asn Ser Thr Pro Gly Trp Pro Tyr
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Thr Ile Ala Phe Arg Gly Arg Gly His Ser Leu Met Gly Gln Ala Phe
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Ala Pro Gly Gly Val Val Val Asn Met Ala Ser Leu Gly Asp Ala Ala
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Ala Ala Ala Pro Pro Arg Val Asn Val Ser Ala Asp Gly Arg Tyr Val
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Asp Ala Gly Gly Glu Gln Val Trp Ile Asp Val Leu Arg Ala Ser Leu
145             150                 155                 160
Ala Arg Gly Val Ala Pro Arg Ser Trp Thr Asp Tyr Leu Tyr Leu Thr
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Val Gly Gly Thr Leu Ser Asn Ala Gly Ile Ser Gly Gln Ala Phe Arg
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His Gly Glu Met Val Thr Cys Ser Lys Gln Leu Asn Ala Asp Leu Phe
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Arg Ile Ala Val Glu Pro Ala Pro Ala Arg Ala Arg Trp Val Arg Leu
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Val Tyr Thr Asp Phe Ala Ala Phe Ser Ala Asp Gln Glu Arg Leu Thr
260   265   270
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Asp Val Ser Tyr Thr Ala Phe Leu Asp Arg Val His Gly Glu Glu Val
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Pro Asn Asp Leu Ala Arg Leu Gln Glu Gln Asn Arg Arg Ile Leu Arg
465   470   475   480
Phe Cys Asp Leu Ala Gly Ile Gln Tyr Lys Thr Tyr Leu Ala Arg His
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Thr Asp Arg Ser Asp Trp Val Arg His Phe Gly Ala Ala Glu Trp Asn
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(1994); gene from Agrobacterium tumefaciens, Molecular
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Page 16

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